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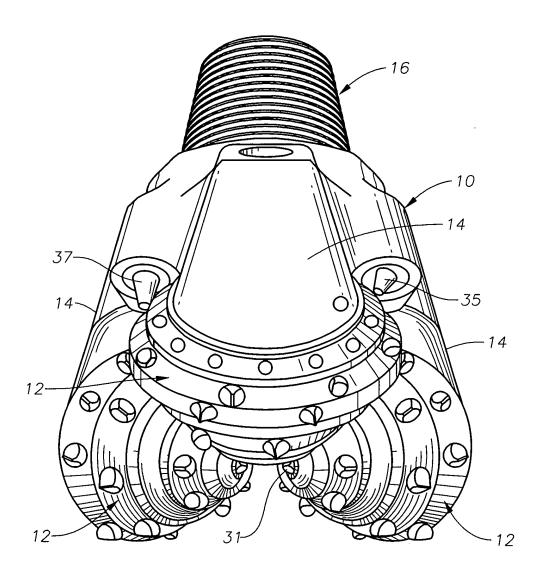
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Fig. 1

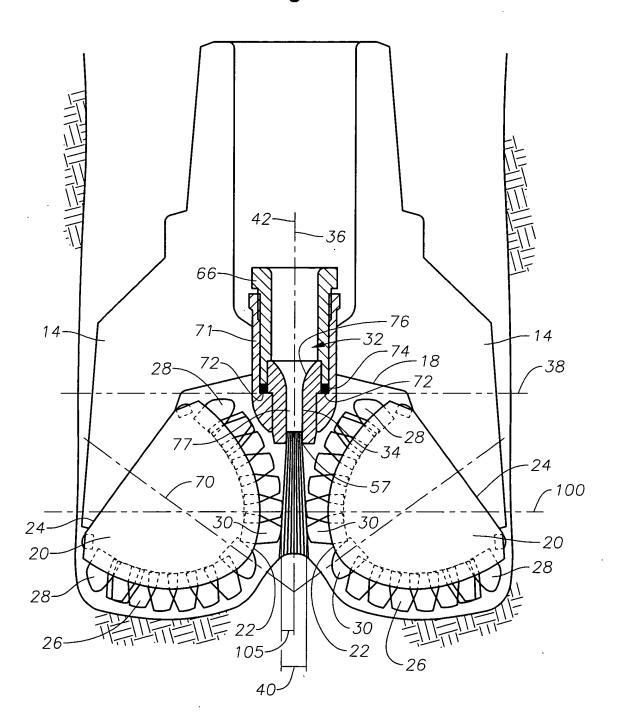


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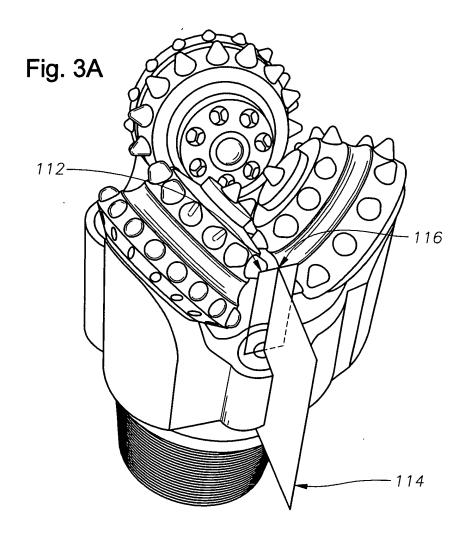
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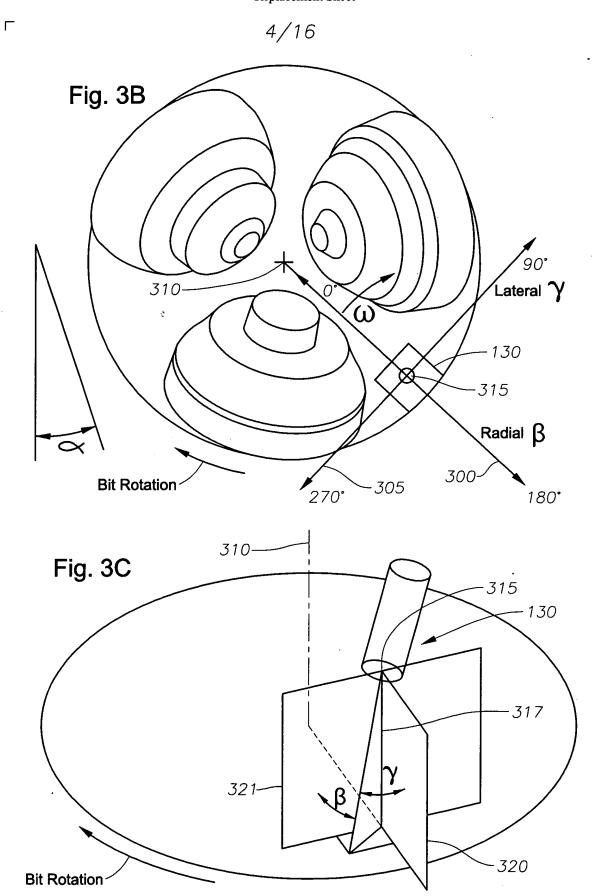
Fig. 2



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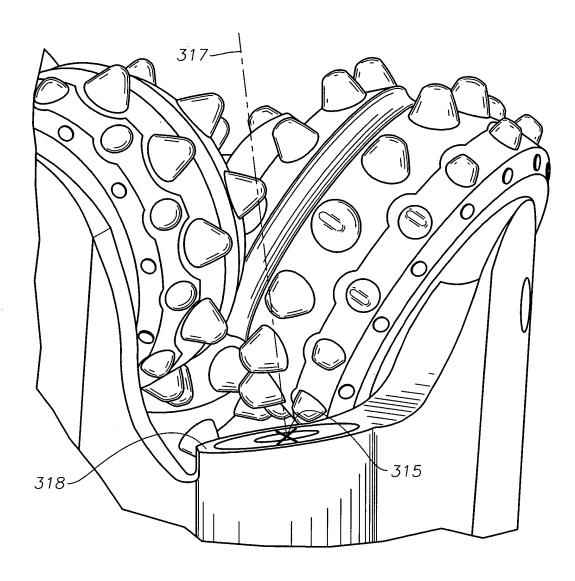
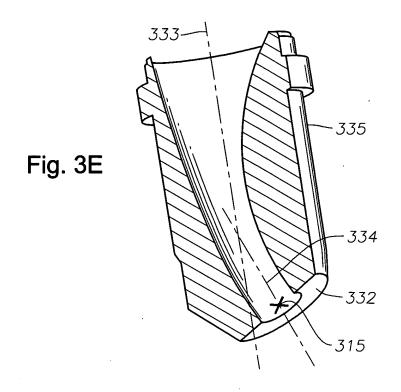
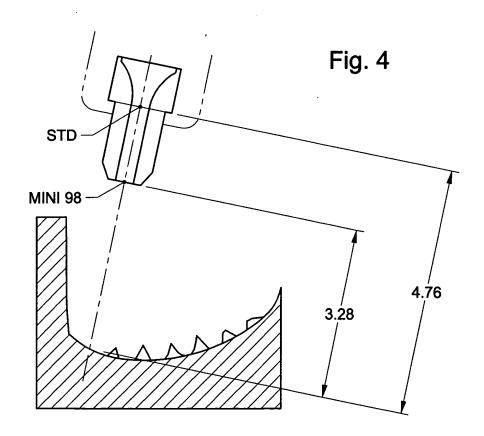


Fig. 3D

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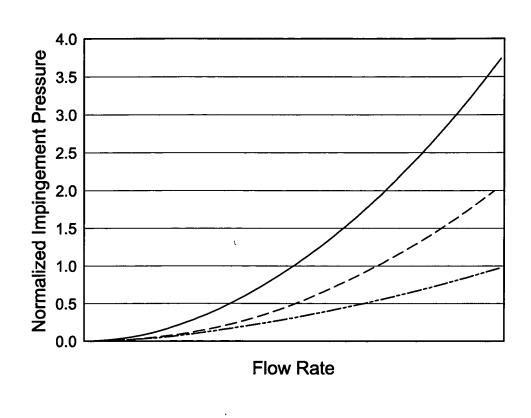
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Mini-Extended Nozzle Bottom Hole Cleaning
 — — Standard Nozzle Hole-Bottom Cleaning
 — Cutting Structure Cleaning

Fig. 5

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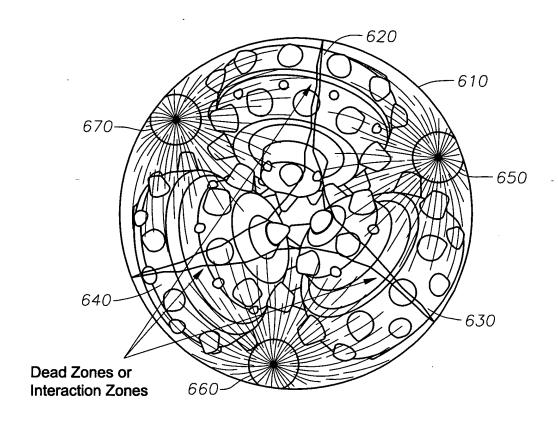
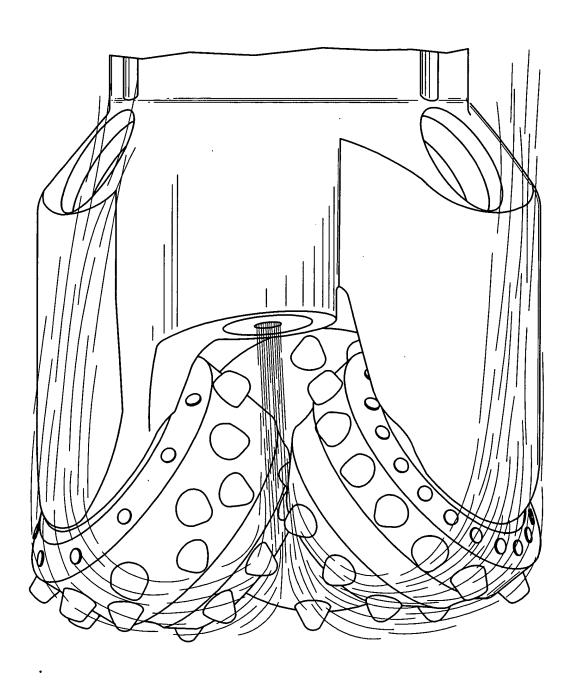


Fig. 6

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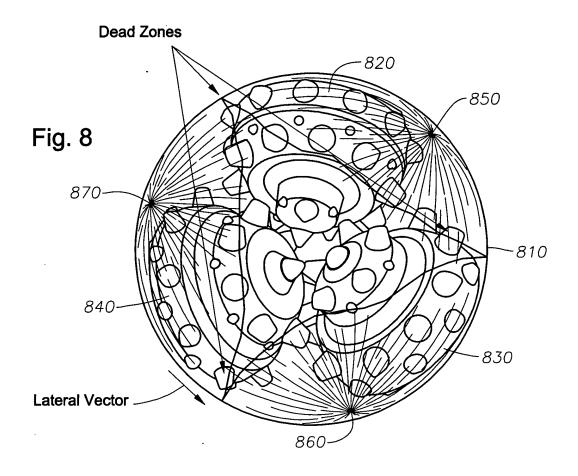
Fig. 7

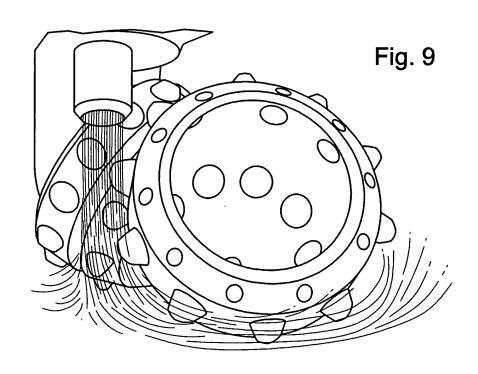


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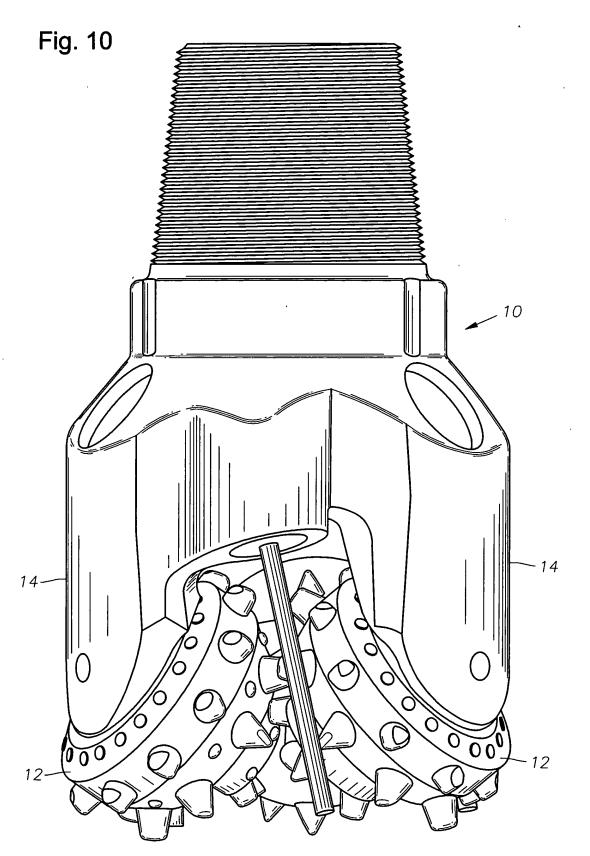




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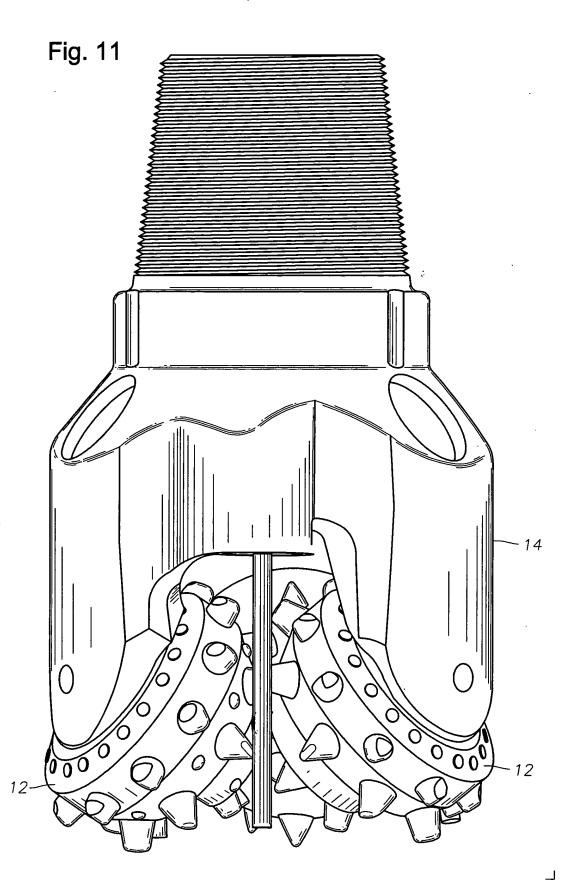
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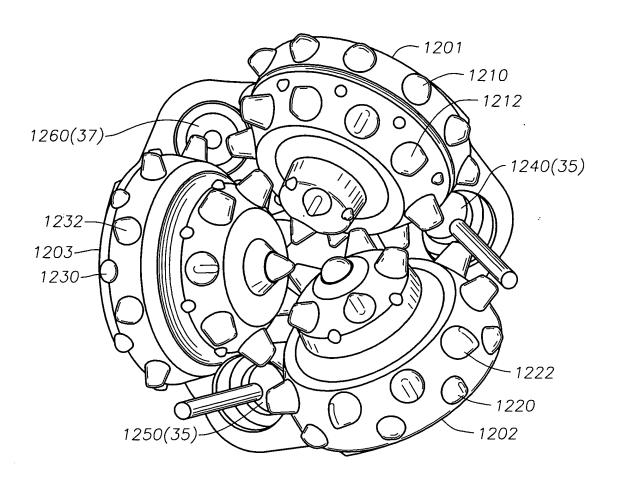
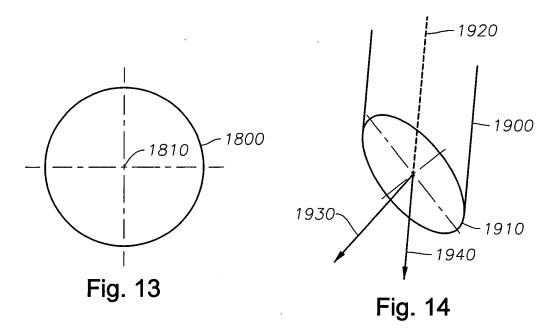


Fig. 12

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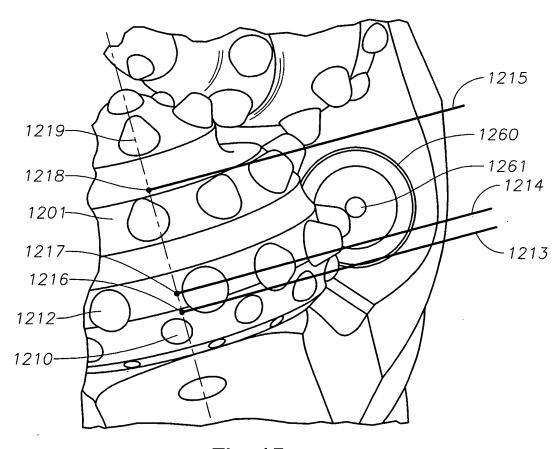
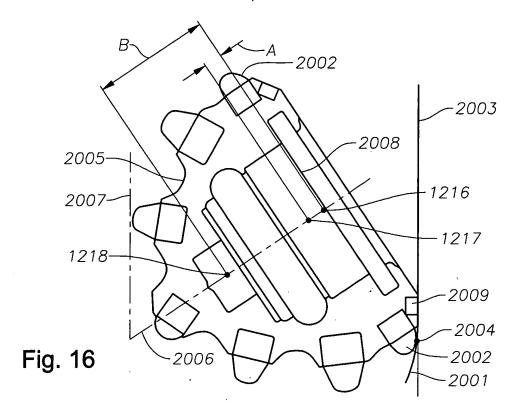


Fig. 15

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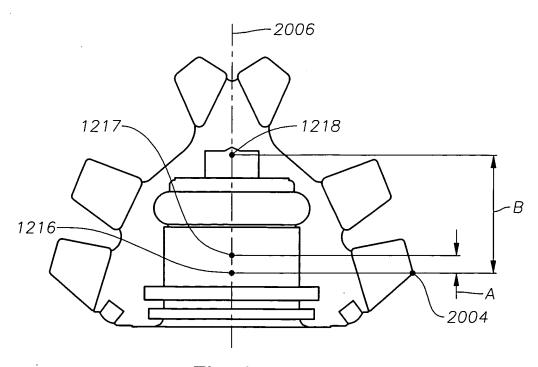


Fig. 17

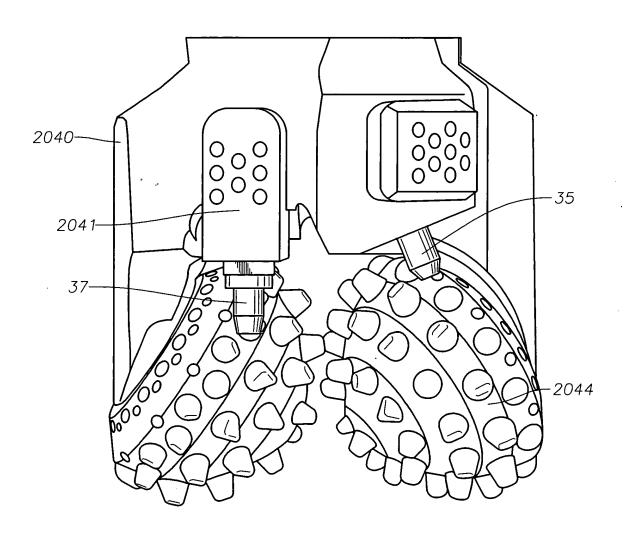


Fig. 18

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